

Student School Associations (Arizona v3.6)

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Tool Search: Ed-Fi

This association represents the school in which a student is enrolled.

To prepare for summer withdrawal students, districts need to perform a specific setup in order to send the Student School Association resource correctly. Please see [Appendix A](#) for further details.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a new enrollment is saved for a student. A record reports for each distinct enrollment in a School and Enrollment Start Date where 'State Exclude' is not checked.</p> <ul style="list-style-type: none"> When a student has two enrollments in the same School, Calendar & Schedule Structure with the same start date, report from the enrollment service type in the following order: <ol style="list-style-type: none"> P: Primary Enrollment S: Partial/Ancillary N: Special Ed Services When an enrollment with a higher priority is deleted, the enrollment with lower priority posts a new record. Do not send records when the Calendar Exclude check box is checked in the calendar the student is enrolled. Do not send records when the School Exclude check box is checked in the calendar the student is enrolled.
Post	<p>When the start date for an enrollment is changed.</p> <ul style="list-style-type: none"> When an enrollment with a lower priority is changed, data does not send.
Post	<p>When the start status is changed from ZZZ to a different value.</p>
Put	<p>When an enrollment is updated for a student.</p> <ul style="list-style-type: none"> When a change is made to the Graduation > NCLB Cohort End Year field. When a student is assigned to a Graduation or CTE Program or the start and/or end dates are modified. When a student's start status is change. When a student's end status is changed. When a student's grade level is changed. When a student's End Action is changed. When a student's School Choice checkbox is checked or unchecked. When a student's Resident District field is changed. When a students Service Type is changed. When the Calendar reference is changed due to a Natural Key update on the Calendars resource.

Action	Trigger
Delete	When an enrollment is deleted. <ul style="list-style-type: none"> When a student has two enrollments in the same school for the same start date, records with lower priority do not trigger a delete.
Delete	When the start date of an enrollment is changed.

Resource Toggle and Resync Logic

This table describes the Resource Toggle and Trigger logic of this object.

Action	Business Rule
None	When a resource is toggled to OFF after data has sent, all sent data remains in the ODS but no new data is sent.
Put	When the natural key of the Calendar Reference is changed, a put is done to update the Calendar Reference even when the Student School Association resource is turned OFF.
Resync	When a record is in the Ed-Fi Identity Mapping table and not in the ODS, it is deleted from the Ed-Fi Identity Mapping table.
Resync	When a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it is deleted from the ODS.
Resync	When a mapping is changed in Resource Preferences, a resync needs to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Business Rule
Post/Delete	Natural Key changes: <ul style="list-style-type: none"> When the School ID changes, all data remains under the old number and a resync needs to be completed to populate data under the new number. The delete tool would need to be used to remove all data from the old School ID. When an Ed-Fi ID changes, this happens with the cascading deletes from the Ed-Fi ID Change trigger. When the enrollment start date changes, all dependent resources are deleted and reposted. When a dependent resource is turned off, all dependent resources are deleted and not re-posted.

Action	Business Rule
Delete	<p>Cascading Deletes: When the Student School Association is deleted, all dependent resources are deleted.</p> <ul style="list-style-type: none"> Student Parent Associations, Student Education Organization Associations, Student Section Associations, Graduation Plans, Student Program Associations, Student CTE Program Associations, Student Special Education Program Associations, Student Title 1 Part A Program Associations, Student Academic Records, Course Transcripts, Grades, Student Discipline Incident Associations, Discipline Actions, Student Cohort Associations, Student School Attendance Events, Student Section Attendance Events

Scope Year Logic

This table describes scope year logic of this object.

Logic
The record sends to the scope year for the school year the enrollment is associated with.
Data only sends for the years that have valid configuration.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Entry Type Descriptors	Enrollment Start Status
Exit Withdraw Type Descriptors	Enrollment End Status
	Enrollment Graduation (Year End Status)
	Enrollment End Action
Exit Reason Descriptors	Enrollment Withdrawal Reason
Membership FTE Descriptors	Enrollment School Membership FTE
Membership Type Descriptors	Enrollment Local Service Type
Special Enrollment Descriptors	Enrollment Special Enrollment
Tuition Payer Descriptors	Enrollment Tuition Payer

Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
Enrollment	enrollmentID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
enrollment	Post/Put/Delete	The primary table used for sending data for this resource.
person	Post/Delete	Student ID in Student Reference
graduation	Put	Class of School Year Type Reference
programs	Put	Graduation Plan Reference
programparticipation	Put	Graduation Plan Reference

Object Data Elements

This table describes data elements sent within the Student School Association resource.

Data Element	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
id	The unique identifier of the resource.	M	

Data Element	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
<p>entryDate</p>	<p>The month, day, and year on which an individual enters and begins to receive instructional services in a campus. Report the enrollment start dates. When there are enrollments with an end status of ZZZ and a subsequent enrollment with a start status of ZZZ, combine the enrollments and report the earliest start date (where the start status is NOT ZZZ) for the enrollment start date.</p> <p>The enrollments must be in the same school, grade, and local service type. Also, the enrollment start date must be the next instructional day after the ZZZ end status, or be before or equal to the ZZZ end status.</p>	<p>M</p>	<p>Student Information > General > Enrollments > Start Date enrollment.startdate</p>
<p>calendarReference</p>	<p>A reference related to the Calendar resource. Reports the Calendar reference for the calendar in which the student is enrolled that is being reported.</p> <p>When the Calendar the student is enrolled in is mapped via the EdFi Calendar Override Mapping tool to a different calendar, reference that different calendar</p>	<p>C</p>	<p>System Administration > Ed-Fi > Ed-Fi Configuration > Resource Preferences > Calendars > Calendar Override Mapping</p>

Data Element	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
classOfSchoolYearTypeReference	<p>The year the student is expected to graduate.</p> <p>Reports the year selected in Student Information > General > Graduation > NCLB Cohort End Year.</p> <p>When NCLB Cohort End Year = Null, do not report</p>	C	
graduationPlanReference	<p>A reference to the related GraduationPlan resource.</p> <p>This is optional, does not report.</p>	O	
schoolReference	<p>A reference to the related School resource.</p> <p>Reports the fields that are part of the Natural Key for the School resource.</p>	M	
schoolYearTypeReference	<p>The school year the student is being reported in.</p> <p>Reports the end year of the calendar.</p>	O	
studentReference	<p>A reference to the related Student resource. Reports the reference for the student being reported.</p> <p>Note: The Ed-Fi ID reports from the Student State ID field.</p>	M	

Data Element	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
educationPlans	<p>An unordered collection of studentSchoolAssociation EducationPlans. This association represents the school in which a student is enrolled.</p> <p>This is optional, does not report.</p>	O	
employedWhileEnrolled	<p>An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education.</p> <p>This is optional, does not report.</p>	O	
entryGradeLevelDescriptor	<p>The grade level or primary instructional level at which a student enters and receives services in a school or an educational institution during a given academic session.</p> <p>Reports the Ed-Fi Code from the Grade Level mapping for the grade selected on the student's enrollment.</p> <p>When a mapping is not available, the record errors.</p>	M	Student Information> General> Enrollments> Grade
entryGradeLevelReasonDescriptor	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.</p> <p>This is optional, does not report.</p>	O	

Data Element	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
entryTypeDescriptor	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. Reports the Ed-Fi Code Value mapped to the selected Start Status.</p> <p>When blank, do not report.</p>	O	Student Information > General > Enrollments > Start Status enrollment.startstatus
exitWithdrawDate	<p>The month, day, and year of the first day after the date of an individual's last attendance at a campus (when known), the day on which an individual graduated, or the date on which it becomes known officially that an individual left school. Reports the enrollment end date. When there are enrollments with an end status of ZZZ and a subsequent enrollment with a start status of ZZZ, combine the enrollments and report the latest end date (where the end status is NOT ZZZ) for the enrollment end date.</p> <p>The enrollments must be in the same school, grade, and local service type. Also, the enrollment start date must be the next instructional day after the ZZZ end status, or be before or equal to the ZZZ end status.</p>	O	Student Information > General > Enrollments > End Date enrollment.enddate

Data Element	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
exitWithdrawReasonDescriptor	<p>Withdrawal Reasons are a secondary reason for the withdrawal (the primary reason being the Withdrawal Activity Code). Withdrawal Reasons are optional, and does not apply to the great majority of students who withdraw from school prior to the last scheduled day of session.</p> <p>Reports based on the mapped value indicated in the Ed-Fi mapping tool tied to the attribute dictionary item selected.</p> <p>When a mapping does not exist, do not report.</p>	C	<p>Student Information > General > Enrollments > Withdrawal Reason enrollmentaz. withdrawalreason</p>
exitWithdrawTypeDescriptor	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. Reports the Ed-Fi Code mapped to the End Action. When not populated (null) reports the Ed-Fi Code mapped to the State End Status.</p> <p>The State End Status is based on the Local End Status selected. Local End Statuses are mapped to the State End Statuses through the Enrollment End Status Setup tool.</p>	C	<p>Student Information > General > Enrollments > End Status enrollment.endstatus</p> <p>Student Information > General > enrollments > End Action enrollment.endAction</p>

Data Element	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
membershipTypeDescriptor	<p>Membership Type identifies whether a school has primary responsibility for managing a specific student's curriculum or not. The "P" code value allows the reporting of students who are enrolled in a SPED program but not enrolled in a school.</p> <p>Reports based on the mapped value indicated in the EdFi mapping tool, when it exists, tied to the attribute dictionary item selected.</p> <p>When a mapping does not exist, do not report.</p>	M	Student Information > General > Enrollments > State Reporting Fields > Local Service Type
primarySchool	<p>Indicates whether a given enrollment record should be considered the primary record for a student. When omitted, the default is true.</p> <p>This is optional, does not report.</p>	O	
repeatGradeIndicator	<p>An indicator of whether the student is enrolling to repeat a grade level, either by failure or an agreement to hold the student back.</p> <p>This is optional, does not report.</p>	O	

Data Element	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
residencyStatusDescriptor	<p>An indication of the location of a persons legal residence relative to (within or outside of) the boundaries of the public school attended and its administrative unit.</p> <p>This is optional, does not report.</p>	O	
schoolChoiceTransfer	<p>An indication of whether students transferred in or out of the school did so during the school year under the provisions for public school choice in accordance with Title I, Part A, Section 1116.</p> <p>This is optional, does not report.</p>	O	
totalCommunityCollegeEnrolledCredits	<p>The total value of credits for courses at community college.</p> <p>Reports the value from the 'Total CC CTE Credits' field, when populated.</p>	C	Student Information > General > Enrollments > State Reporting Fields > Total CC CTE Credits
totalPlannedInstructionalHours	<p>The planned total number of clock hours for CTED courses.</p> <p>Reports the value from the Total CTE Hours field, when populated.</p>	C	Student Information > General > Enrollments > State Reporting Fields > Total CTE Hours
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Arrays

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Type/Descriptor

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Appendix A - Summer Withdrawal Students

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